CLAIMS

What is claimed is:

1.   A method of ejecting a disc from a disc player, the method comprising:

selecting a main title from a plurality of titles recorded on the disc and storing a playback time of the main title in a memory;

determining whether the main title is playing or has played back;

upon determining that the main title is playing or has played back, comparing a time since a beginning of the playing of the main title with a time stored in memory required for a complete playback of the main title and determining whether playback of the main title has terminated; and

upon determining that playback of the main title is terminated, ejecting the disc by driving an unloading device.

2.   The method according to claim 1, wherein a playback time of each title is determined by referring to respective program chain information.

3.   The method according to claim 1, wherein the main title is the title having the longest playback time among the titles recorded on the disc.

4.   The method according to claim 1, further comprising setting another specified mode upon determining that the main title is not playing or has not played back.

5.   The method according to claim 1, wherein the disc is a DVD.

6.   The method according to claim 1, wherein whether the disc is to be automatically ejected can be specified by a user using a menu.

7.   The method according to claim 6, wherein whether the disc is to automatically ejected is selectable both before playback and during playback.

8.   A method of ejecting a disc from a disc player, the method comprising:

selecting a main title from a plurality of titles recorded on the disc;

determining whether the main title is playing or has played back;

upon determining that the main title is playing or has played back, determining whether a post command has played back by referring to program chain information of the main title; and

upon determining that the post command has played back, ejecting the disc by driving an unloading device.

9.   The method according to claim 8, wherein the post command instructs each of the titles to return to a main menu.

10.   The method according to claim 8, further comprising setting another specified mode, upon determining that the main title is not playing or has not played back.

11.   A computer-readable medium encoded with processing instructions implementing a method of ejecting a disc from a disc player, the method comprising:

selecting a main title from a plurality of titles recorded on the disc and storing a playback time of the main title in a memory;

determining whether the main title is playing or has played back;

upon determining that the main title is playing, comparing a time since a beginning of the playing of the main title with a time stored in memory required for a playback of the main title and determining whether playback of the main title has terminated; and

upon determining that playback of the main title is terminated, ejecting the disc by driving an unloading device.

12.   The computer-readable medium according to claim 11, wherein a playback time of each title upon determining by referring to respective program chain information.

13.   The computer-readable medium according to claim 11, wherein the main title is the title having the longest playback time among the titles recorded on the disc.

14.   A computer-readable medium encoded with processing instructions implementing a method of ejecting a disc from a disc player, drive, the method comprising:

selecting a main title from a plurality of titles recorded on the disc;

determining whether the main title is playing or has played back;

upon determining that the main title is playing or has played back, determining whether a post command has played back by referring to program chain information of the main title; and

upon determining that the post command has played back, ejecting the disc by driving an unloading device.

15.   The computer readable medium according to claim 14, further comprising setting another specified mode, if it is determined that the main title is not playing or has not played back.

16.   A disc player for ejecting a disc, comprising:

a disc drive holding the disc,

an unloading device coupled to the disc drive;

a memory storing a time for playback of a main title recorded on the disc;

a determiner determining whether playback of the main title has terminated; and

a driver driving the unloading device ejecting the disc if the playback has terminated.

17.   The disc player according to claim 16, wherein the determiner determines whether playback of the main title has terminated by comparing a time that has passed since a beginning of a playing of the main title with the time for playback stored in memory.

18.   The disc player according to claim 17, wherein the playback time is calculated by referring to program chain information.

19.   The disc player according to claim 18, wherein the main title is the title having the longest playback time among titles recorded on the disc.

20.   A method of alerting a user of a disc player to a termination of playback of a main title, the method comprising:

storing a playback time of the main title in a memory;

determining whether the main title is playing or has played back;

upon determining that the main title is playing or has played back, comparing a time that has passed since the playback began with a stored playback time and determining whether playback of the main title has terminated; and

upon determining that playback of the main title is terminated, at least one of ejecting the disc from the disc player and operating an alarm.

21.   The method according to claim 20, wherein the playback time of the main title is calculated by referring to the program chain information.

22.   The method according to claim 20, wherein the main title is a title having the longest playback time among titles recorded on the disc.